

CLAIMS

1. A debris collection container for a planer which employs a stream of air to remove debris generated by the planer, the debris collection container comprising:

a receptacle for storage of debris generated by the planer, the receptacle including a first rigid section, a second rigid section, and a deformable section located between and connecting the first rigid section and the second rigid section, the deformable section manipulatable between a compressed condition and an expanded condition;

a connector connectable between the planer and the receptacle and defining a path for debris passing from the planer to the receptacle; and

wherein the first rigid section can be releasably attached to the second rigid section when the deformable section is in a compressed condition.

2. A debris collection container as claimed in claim 1 wherein, when the first rigid section is attached to the second rigid section, the two sections are adjacent to each other.

3. A debris collection container as claimed in claim 1 wherein the first section includes a hoop and the second section includes a catch, and wherein the hoop is engageable with the catch to releasably attach the first section to the second section.

4. A debris collection container as claimed in claim 1 wherein the deformable section includes a spring.

5. A debris collection container as claimed in claim 4 wherein the spring is a helical spring.

6. A debris collection container as claimed in claim 4 wherein the receptacle includes a wall and the spring forms a part of the wall of the receptacle.

7. A debris collection container as claimed in claim 1 and further comprising a cap, and wherein the receptacle defines an aperture, and the cap is releasably attachable to the receptacle for sealing the aperture.

8. A debris collection container as claimed in claim 7 wherein the aperture is defined by the first rigid section.

9. A debris collection container as claimed in claim 8 wherein the first rigid section includes a rim surrounding the aperture, and the cap releaseably attachable to the rim.
10. A debris collection container as claimed in claim 7 wherein the size of the aperture is fixed and relatively large.
11. A debris collection container as claimed in claim 7 and further comprising a bayonet type connector whereby the cap is releaseably attachable to the receptacle.
12. A debris collection container as claimed in claim 7 wherein the cap is releasably connectable to the receptacle by a connection means, the connection mean comprising:
- a first part including two pegs moveable between an inner position and an outer position, and biasing means to resiliently bias the pegs to the outer positions;
 - a second part including a T shaped slot, and the T-shaped slot defining an entrance at the bottom of the T shaped slot; and
- wherein one of the first part and the second part is mounted on the receptacle and the other of the first part and the second part is mounted on the cap, and the first part and the second part are connectable to each other by insertion of the pegs into the entrance of the T shaped slot when the pegs are moved to their inner positions, sliding the pegs to top of the T shaped slot and allowing the biasing force of the biasing means to move the pegs to their outer positions whilst located in the top section of the T shaped slot.
13. A debris collection container as claimed in claim 7 wherein the connector is integrally formed in the cap.
14. A debris collection container as claimed in claim 1 and further comprising a transparent window located in one of the connector and the receptacle.
15. A debris collection container as claimed in claim 1 wherein the connector includes a part spherical shaped section connectable to the receptacle, and the part spherical shaped section curves the path of the debris as it passes through the part spherical section.

16. A debris collection container as claimed in claim 15 wherein the part spherical section curves the path of the debris through ninety degrees.

17. A planer comprising:

- a planer body;

- a cutting drum rotatably mounted in the planer body;

- a conduit within the housing for removal of debris generated by the planer and the conduit defining an exhaust aperture; and

- a debris collection container including:

 - a receptacle for storage of debris generated by the planer, the receptacle including a first rigid section, a second rigid section, and a deformable section located between and connecting the first rigid section and the second rigid section, the deformable section manipulatable between a compressed condition and an expanded condition;

 - a connector connectable between the exhaust aperture and the receptacle and defining a path for debris passing from the exhaust aperture to the receptacle; and

 - wherein the first rigid section can be releasably attached to the second rigid section when the deformable section is in a compressed condition.